

DS-8100HQHI-SH Series DVR

Introduction:

DS-8100HQHI-SH series DVR (Digital Video Recorder) is a new generation recorder developed by Hikvision independently which can connect HD analog/network cameras and Coaxitron cameras and provide powerful surveillance. Combined with multiple advanced technologies, such as audio and video encoding & decoding technology, embedded system technology, storage technology, network technology and intelligent technology. It can both work alone as a recorder and cooperate with other devices to build a comprehensive surveillance system.

The DS-8100HQHI-SH series DVR are widely applied in the areas of finance public security, military, communication, transportation, education, etc..

Available Models:

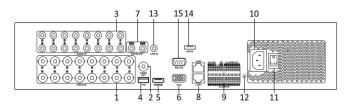
DS-8104HOHI-SH, DS-8108HOHI-SH, and DS-8116HOHI-SH.

Main Features:

- Connectable to HD-TVI and analog cameras;
- Connectable to the Coaxitron camera/dome with long transmission distance;
- Connectable to network cameras;
- Simultaneous HDMI, VGA and CVBS outputs; HDMI output and VGA output at up to 1920×1080P resolution;
- New GUI and support starting record with one key;
- Redundant recording, holiday recording schedule configuration;
- Instant playback for assigned camera during multi-channel live view mode;
- Support up to 16-ch synchronous playback at 1080P resolution; and reverse playback for multi-channel;
- Smart playback to go through less effective information;
- Manual video quality diagnostics;
- Customization of tags, searching and playing back by tags;
- Locking and unlocking record files;
- Support HDD quota and group management; different capacity can be assigned to different cameras under quota mode;
- Provide up to 8 SATA interfaces and 1 eSATA interface for record and backup;
- 2 self-adaptive 10M/100M/1000M network interfaces, and 3 working modes are configurable: multi-address, load balance, network fault tolerance:
- Support access by EZVIZ Cloud P2P;
- Support Hikvision DDNS (Dynamic Domain Name System);
- Support Channel-zero encoding to decrease the bandwidth requirement when viewing multiple cameras.
- Network detection function.

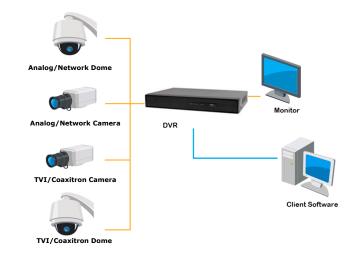


Physical Interfaces:



Index	Name			
1	VIDEO IN			
2	VIDEO OUT			
3	AUDIO IN, RCA Connector			
4	USB Port			
5	HDMI Interface			
6	VGA Interface			
7	CVBS AUDIO OUT and VGA AUDIO OUT			
8	LAN1 LAN2 Network Interfaces			
9	RS-485 Serial Interface, Keyboard Interface, ALARM IN			
	and ALARM OUT			
10	100~240V AC Power Input			
11	Power Switch			
12	GND			
13	LINE IN			
14	eSATA Interface			
15	RS-232 Serial Port			

Typical Application:





Specifications:

Model		DS-8104HQHI-SH	DS-8108HQHI-SH	DS-8116HQHI-SH	
	Video compression	H.264			
Video/Audio input	Analog and HD-TVI video	4-ch	8-ch	16-ch	
	input	BNC interface (1.0Vp-p, 75 Ω)			
	Supported camera types	720P/25, 720P/30, 720P/50, 720P/60, 1080P/25, 1080P/30, CVBS			
	IP video input	2-ch(up to 6-ch)	2-ch(up to 10-ch)	2-ch(up to 18-ch)	
		Up to 2MP resolution			
	Audio compression	G711u			
	Audio input	4-ch	8-ch	16-ch	
		RCA (2.0 Vp-p, 1 KΩ)			
	Two-way audio in	1-ch, RCA (2.0 Vp-p, 1 KΩ)			
Video/Audio output	HDMI / VGA output	1920 ×1080 / 60 Hz, 1280 ×1024 / 60 Hz, 1280 ×720 / 60 Hz, 1024 ×768 / 60 Hz			
	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480			
		Main stream: 1080P / 720P / WD1/ VGA / 4CIF / CIF			
	Encoding resolution	Sub-stream: WD1(non-real-time) / 4CIF(non-real-time) / CIF / QCIF / QVGA			
	Frame rate	Main stream: 1/16 fps ~ Real time frame rate			
		Sub-stream: 1/16 fps ~ Real time frame rate			
	Video bitrate	32 Kbps-10 Mbps			
	Audio output	2-ch, RCA (Linear, $1K\Omega$, for VGA output and CVBS output respectively)			
	Audio bitrate	64 Kbps			
	Dual-stream	Support			
	Stream type	Video, Video & Audio			
	Synchronous playback	4-ch	8-ch	16-ch	
	Playback resolution	1080P / 720P / VGA / WD1 / 4CIF / CIF / QVGA / QCIF			
	Remote connection	128			
Network management	Network protocols	TCP/IP, PPPoE, DHCP, EZVIZ Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP TM , HTTPS			
Hard disk	Туре	8 SATA interfaces for 8 HDDs; 1 eSATA interface			
	Capacity	Up to 4 TB capacity for each disk			
External interface	Network interface	2; 10M / 100M / 1000M self-adaptive Ethernet interfaces			
	Serial interface	RS-232, RS-485, Keyboard;			
	USB port	3 ×USB2.0			
	Alarm in / out	16 / 4			
General	Power supply	100 ~ 240VAC, 47 ~ 63HZ			
	Consumption	≤ 35W	≤45W	≤ 65W	
	(without hard disks)			2 03 11	
	Working temperature	-10 ℃~+55 ℃ (14 F~131 F)			
	Working humidity	10% ~ 90%			
	Chassis	19-inch rack-mounted 2U chassis			
	Dimensions (W × D × H)	445 × 470 × 90 mm (17.5 × 18.5 × 3.5 inch)			
	Weight (without hard disks)	≤8Kg (17.6 lb)			
	(without naru disks)				